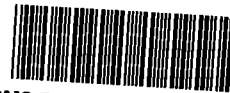




UNITED STATES RADIUM CORPORATION



SDMS DocID 2053640

ORIGINAL
(Red)

December 14, 1979

To: Files

Re: Meeting with NRC to Review Environmental Program

A meeting was held between representatives of the Corporation and the Nuclear Regulatory Commission on Wednesday, November 28, 1979 at 2:30 p.m. at the head office of the NRC in Silver Spring, Maryland. Present were Messrs. Richard Cunningham, Director of Licensing; Vandy Miller, Nathan Bassan and Richard Nussbaumer. Mr. Steven Cim, Executive Vice President of Radiation Management Corporation, and Mr. Charles McGee, Vice President of RMC, were present as consultants to the Corporation. Messrs. Terry D. Brown and Ralph T. McElvenny were present for USR.

The purposes of the meeting were to review the historical and current operational status of operations in Bloomsburg, Pennsylvania.

The meeting opened with a discussion of the approach to environmental monitoring and control programs being formulated by Radiation Management Corporation ("RMC") under contract from USR. Mr. Cim outlined the approach to be followed by RMC in taking air, water, soil and vegetation samples on a monthly basis near the plant and comparing actual results of these samples with predicted results based upon meteorological conditions and the diffusion equations. In addition, the NRC requested that RMC submit its laboratory procedures to NRC so that apparent anomalies in sample results between vegetation in Bloomsburg and Watsonville could be reassessed. Lengthy discussion followed concerning the best and most cost effective method of achieving as low a level of tritium emission as reasonably possible.

Discussion then focused upon techniques available for the disposal of low-level radioactive waste products. Mr. Brown reviewed the procedures by which waste holdings are gathered in four 2,500-gallon tanks and how they are controlled and monitored by the Corporation.

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Following the review and discussion of the Commission requested submission in writing developed by RMC and evaluation of the technique so far. Mr. Cim stated that he would work with develop such data for submission.

Mr. Brown then presented details of the emissions control device which is at present unit. Mr. Brown supplied various technical data relative effectiveness of the pilot unit in various categories of emissions, including gaseous, particulate and vaporized emissions. Mr. McElvenny discussed by counsel and signed by himself and Mr. Brown a determination by the NRC that the new system in nature and that the information discussed be withheld from dissemination to the public public documents office or other publication.

There followed a lengthy analysis of the operational data of the emission control device, engineering drawing and discussion of the process through the use of Roy F. Weston as consultant stated that Weston's role has contributed significantly in developing a fully operational control device difficulties encountered in a technical control location and having many advanced theoretical aspects.

Following this discussion, Mr. Cunningham would request a resubmission of the engineering affidavits in the near future. He stated that specifications should be included and that finalization of the device should be undertaken. Mr. he would like to have a narrative summary of the development of the device and the evaluation. He stated that this report should include information but that it would not be released until had been made by the Commission as requested. information was determined to be non-proprietary to that date could be taken back by the company were made in final form.

USR

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Mr. Cunningham then stated that the NRC wished to review all engineering in detail in order to best evaluate the safety and environmental impact of the device and understand how it worked, but that that degree of detail would not be placed in a public document.

In addition, Mr. McElvenny discussed the status of American Atomics Corporation. He advised the NRC that U. S. Radium had hired a quality control person from American Atomics and was interested in purchasing certain of its production equipment from the bankruptcy estate. Mr. McElvenny also advised the Commission that, if any changes in the license of the Corporation was requested due to changes in the Corporation's structure or because of changes in the product line, he would appear personally to discuss these directly with the representatives of the Commission.

The company agreed to make a resubmission in writing by December 11, 1979 to the attention of Mr. Miller. The meeting ended at 4:45 p.m.

RTM/moc

Ralph T. McElvenny, Jr.